

Figure 1a

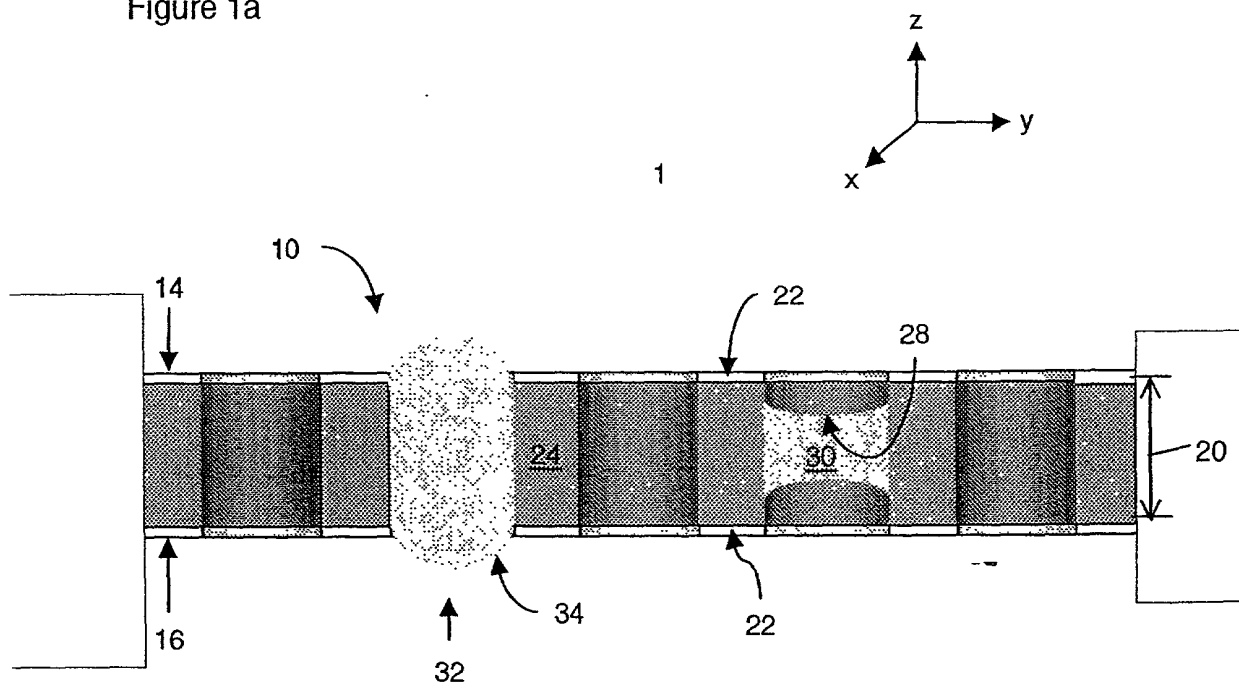


Figure 1b

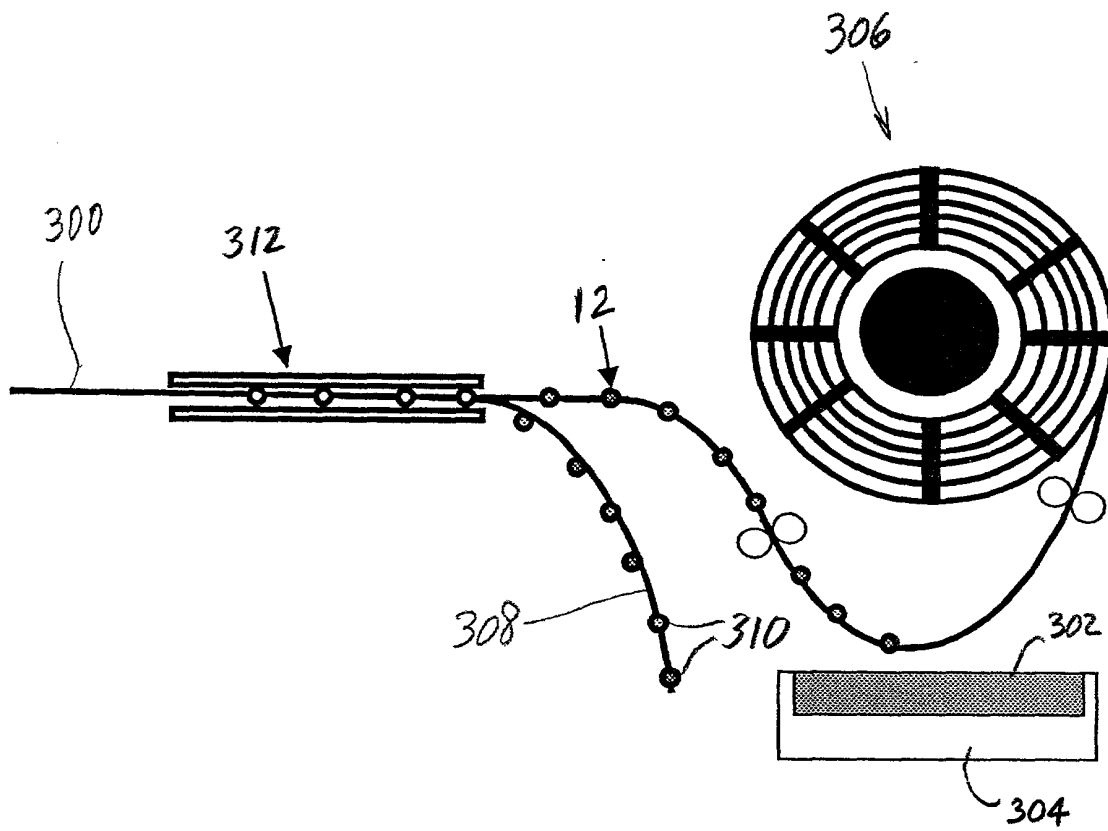
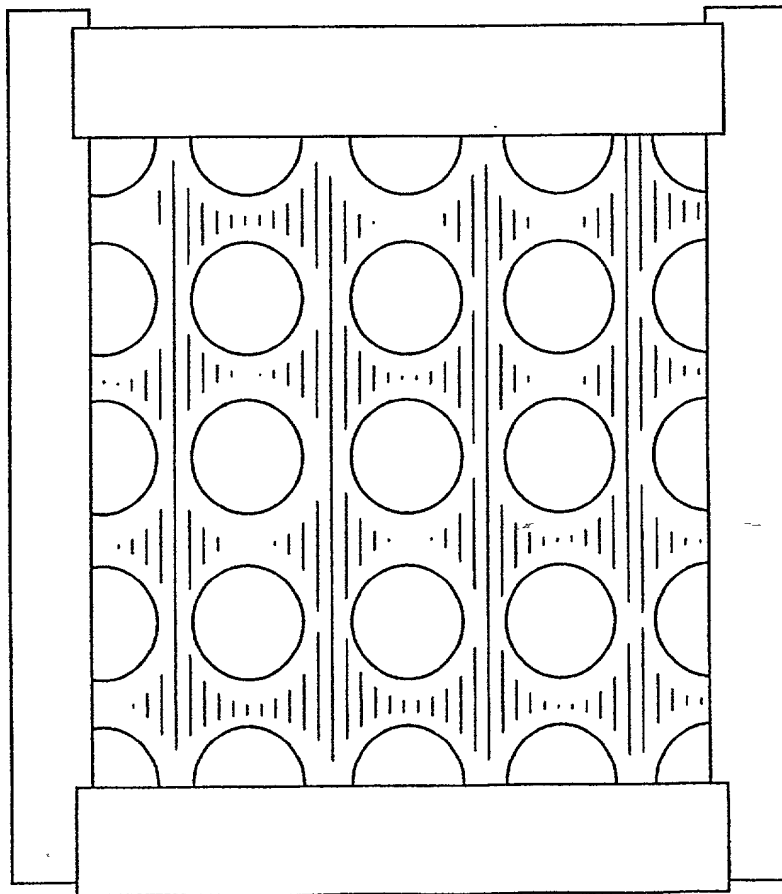


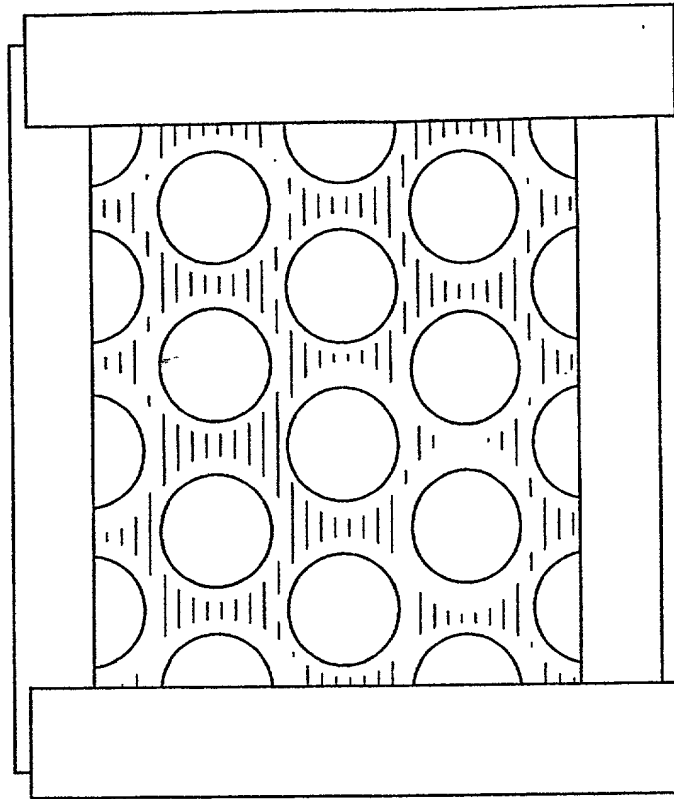
Fig. 1c

FIG. 2a



RECTANGULAR PACKING

FIG. 2a



CLOSE PACKING

FIG. 2b

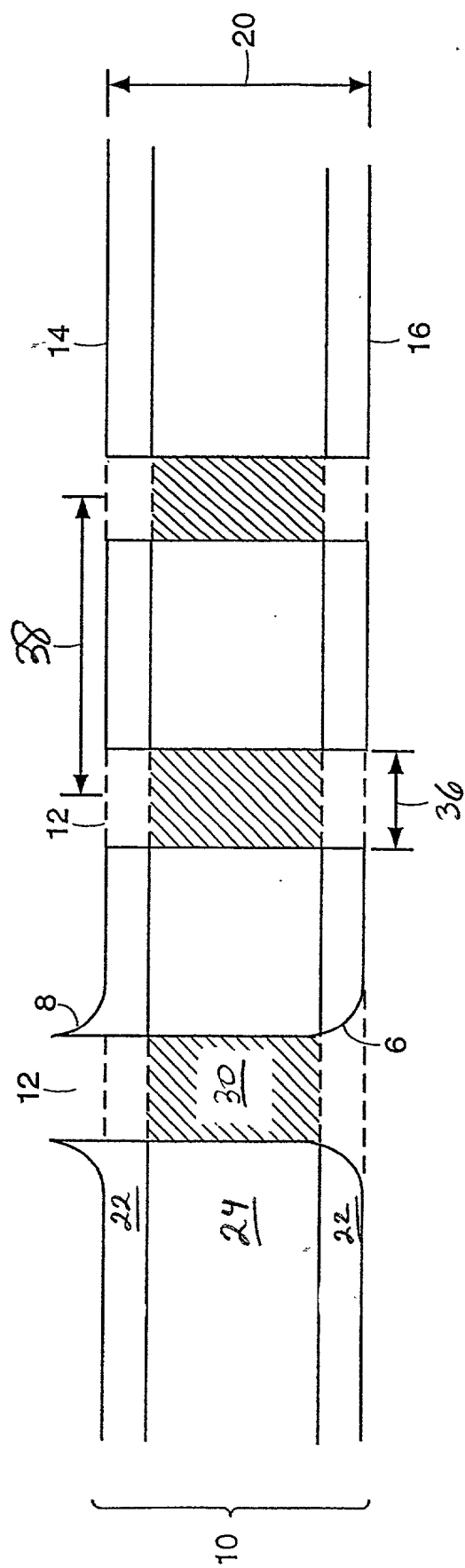


FIG. 3

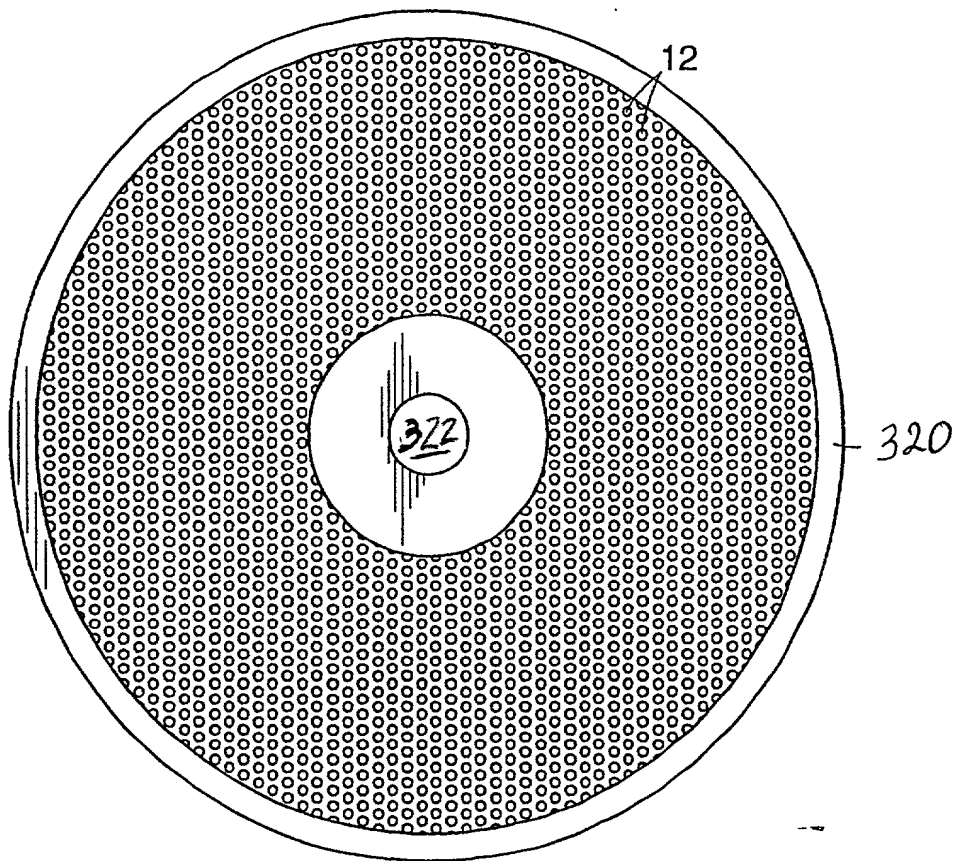
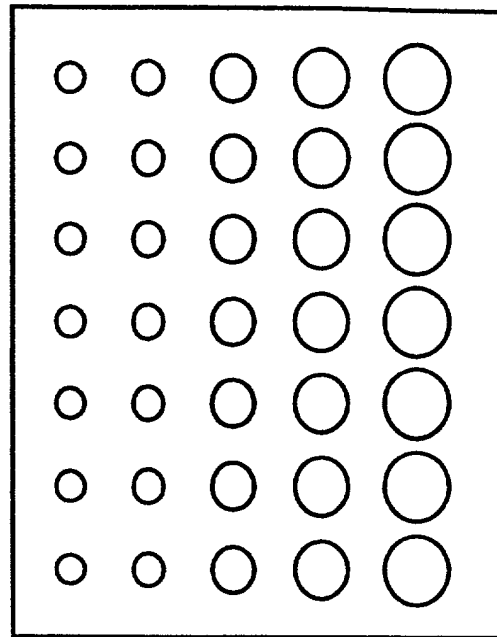
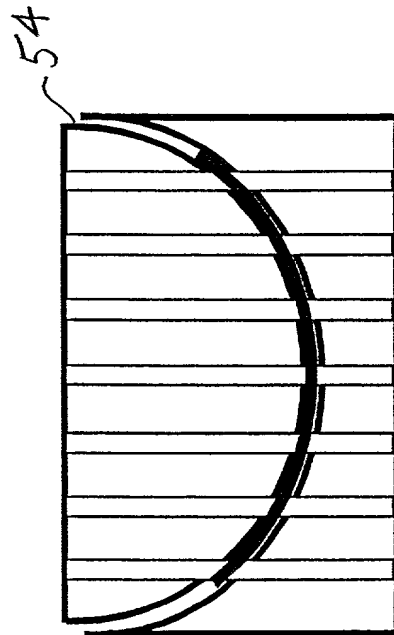
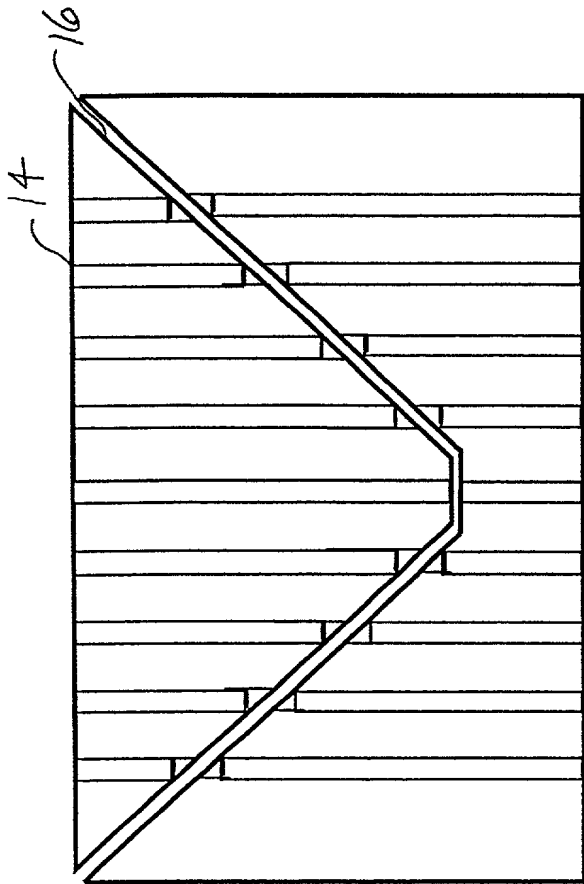
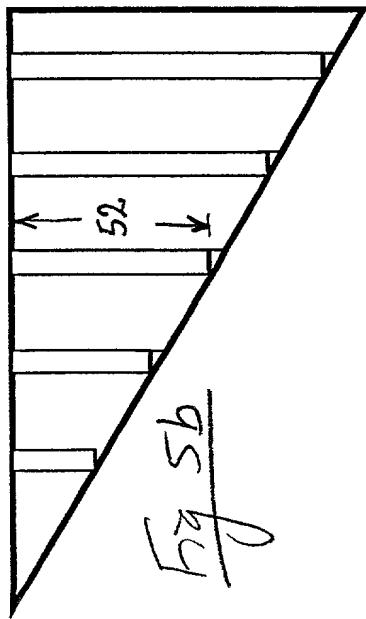


FIG. 4



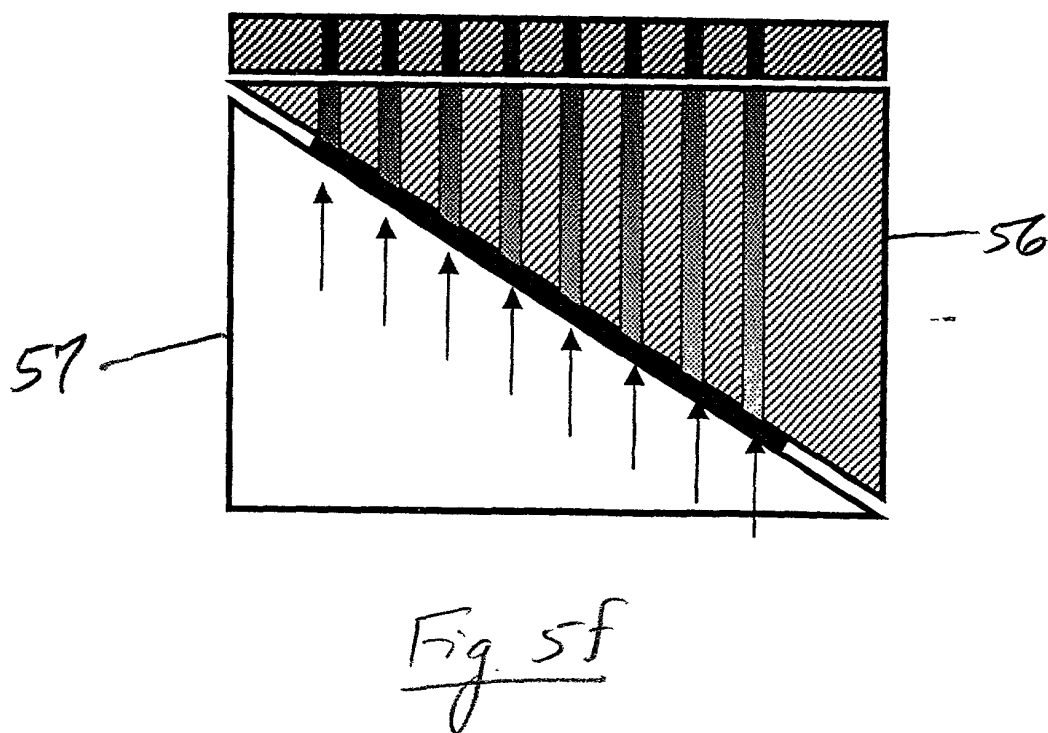
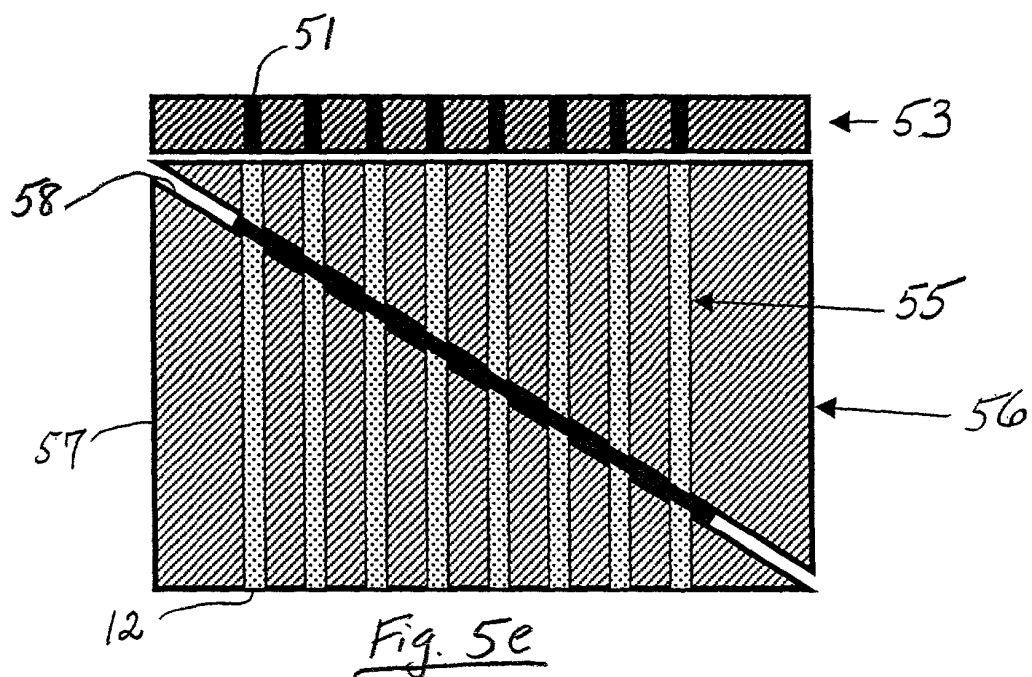


FIG. 6 is a perspective view of the chain of FIG. 5, showing the chain links and the chain pins. The chain links are shown in cross-section, and the chain pins are shown in perspective view. The chain links are labeled 60, 62, 64, 66, 68, and 70. The chain pins are labeled 60, 62, 64, 66, 68, and 70.

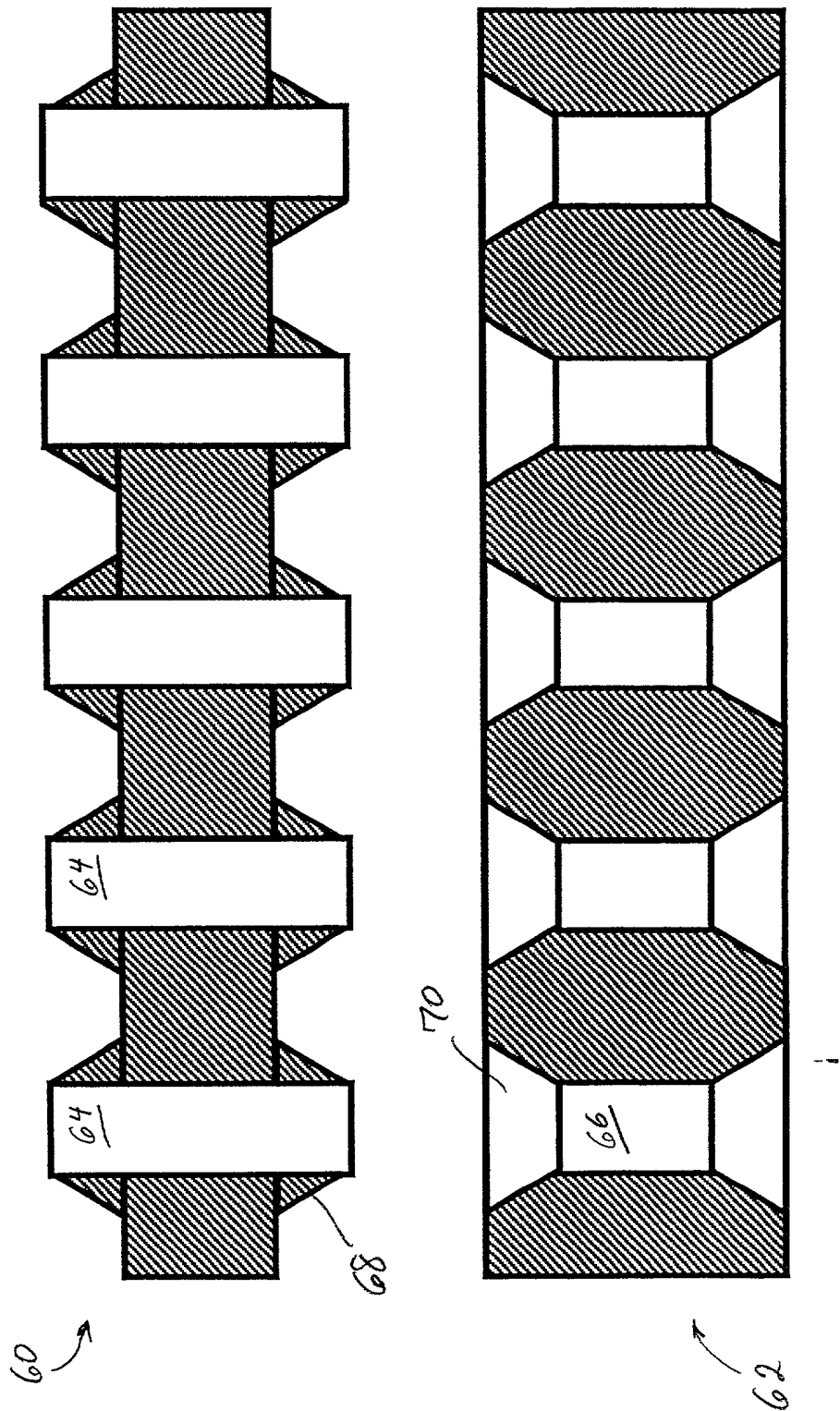


Figure 6

FIG. 7 is a perspective view of a multi-layered structure 10, showing a top layer 12 and a bottom layer 14. The top layer 12 is a thin, flexible layer with a grid-like pattern. The bottom layer 14 is a thicker, rigid layer with a series of vertical ridges or fins. The structure 10 is shown in a perspective view, with the top layer 12 and bottom layer 14 clearly visible. The label 10 points to the entire structure, 12 points to the top layer, and 14 points to the bottom layer.

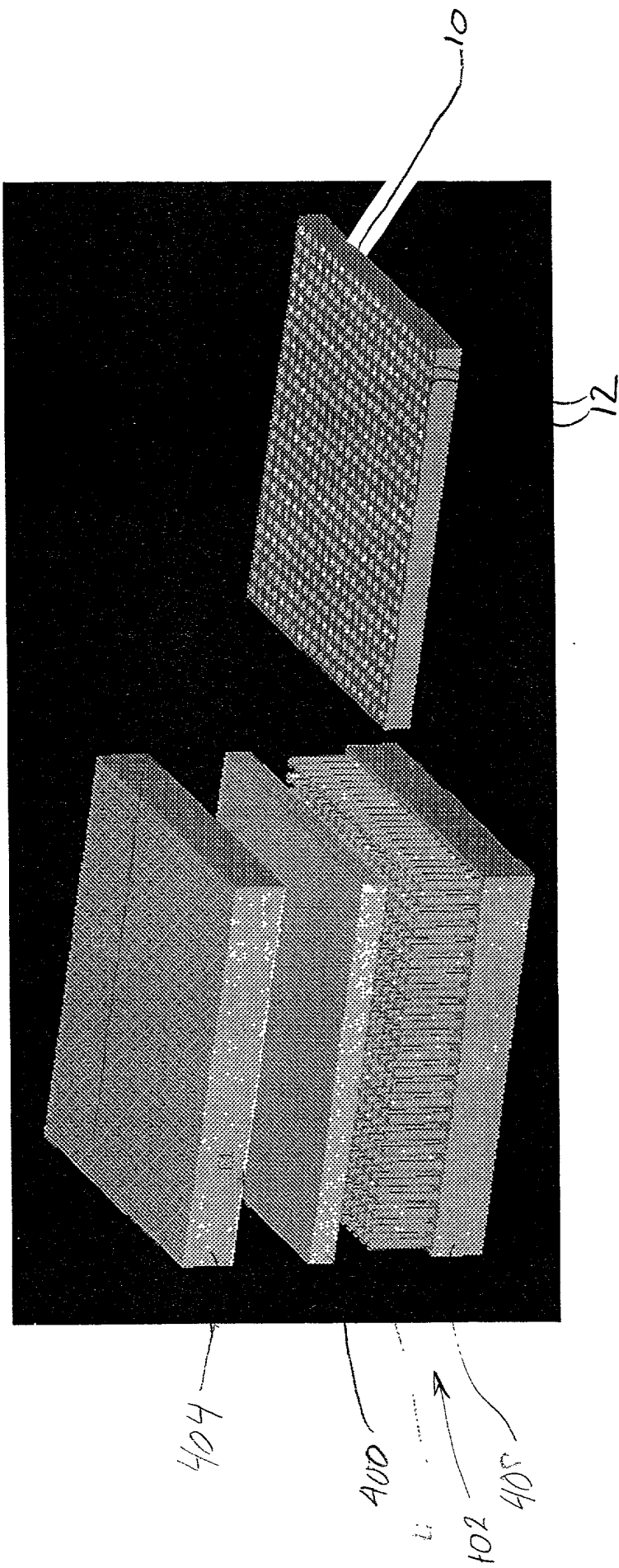


Fig. 7

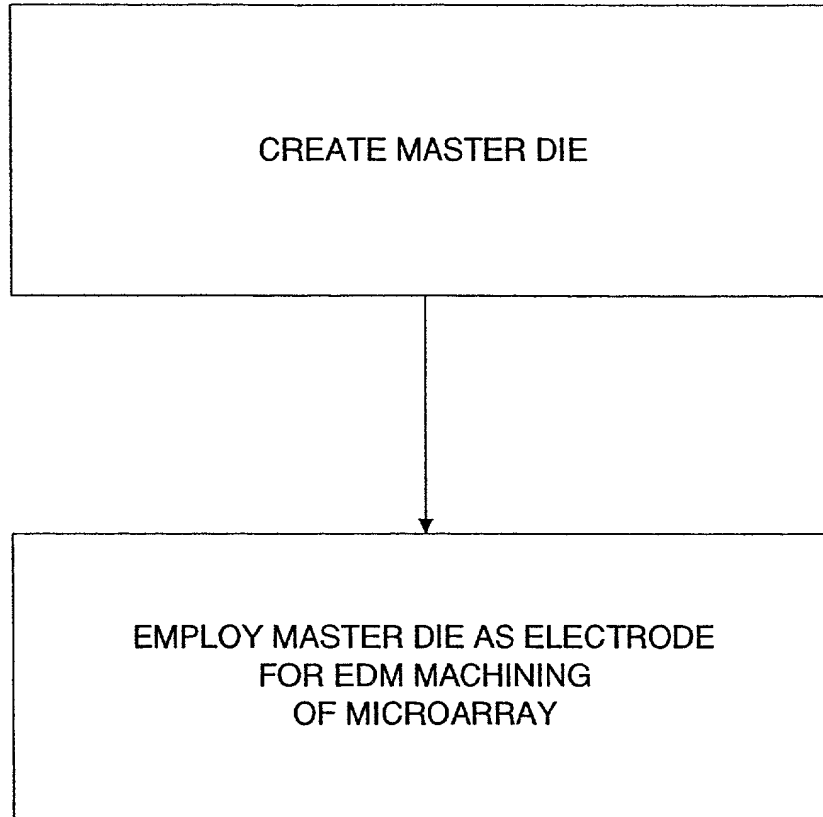


Fig. 8

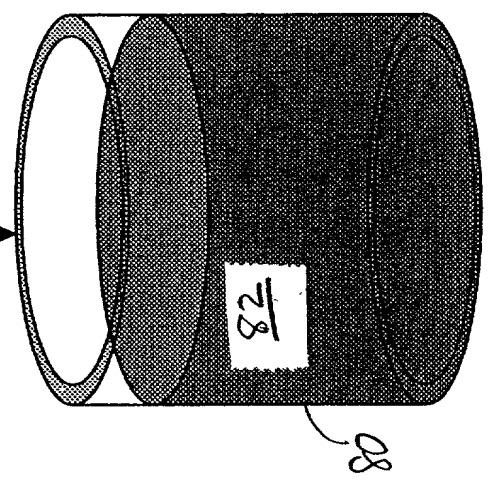
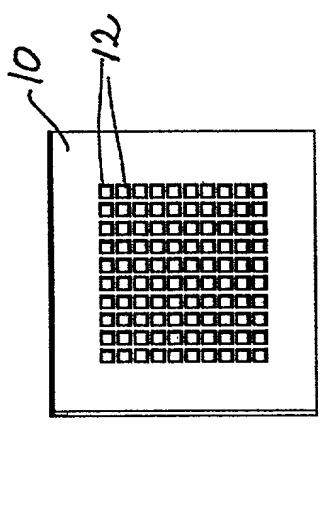


Fig. 9a

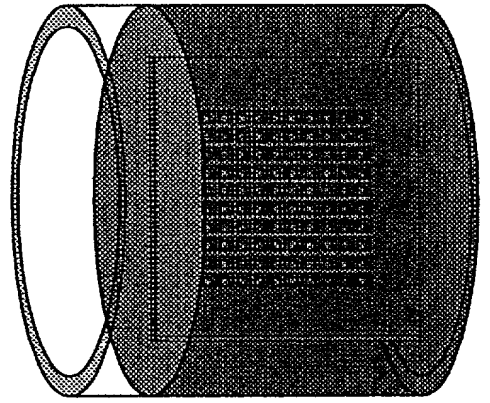


Fig. 9b

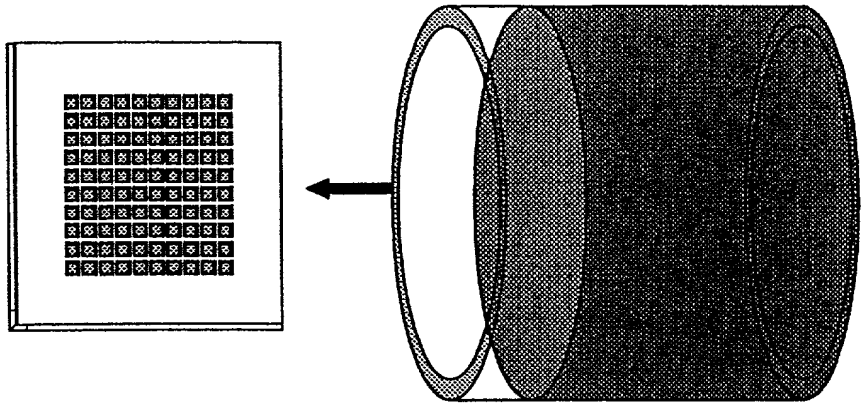


Fig. 9c

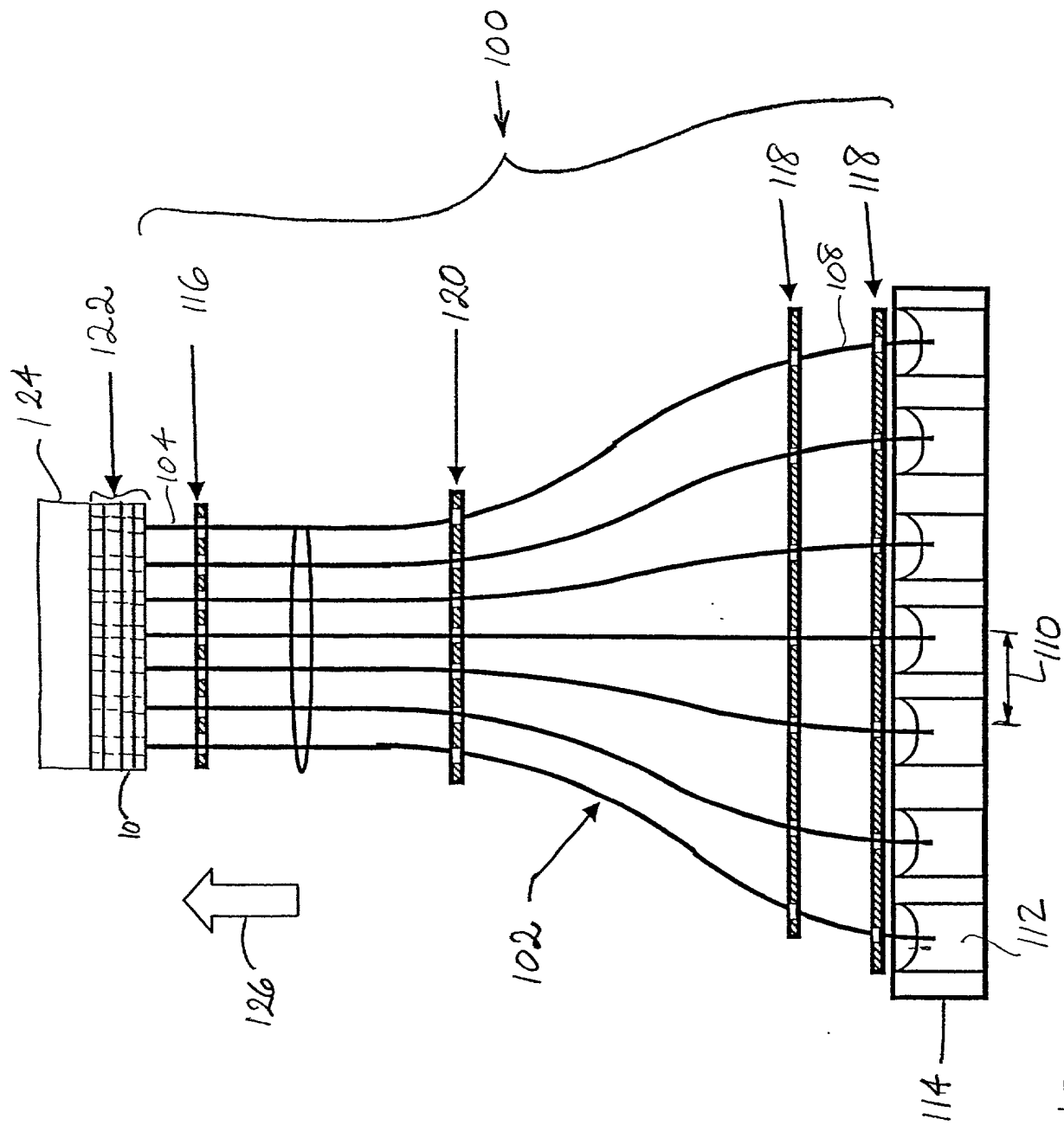


Figure 10

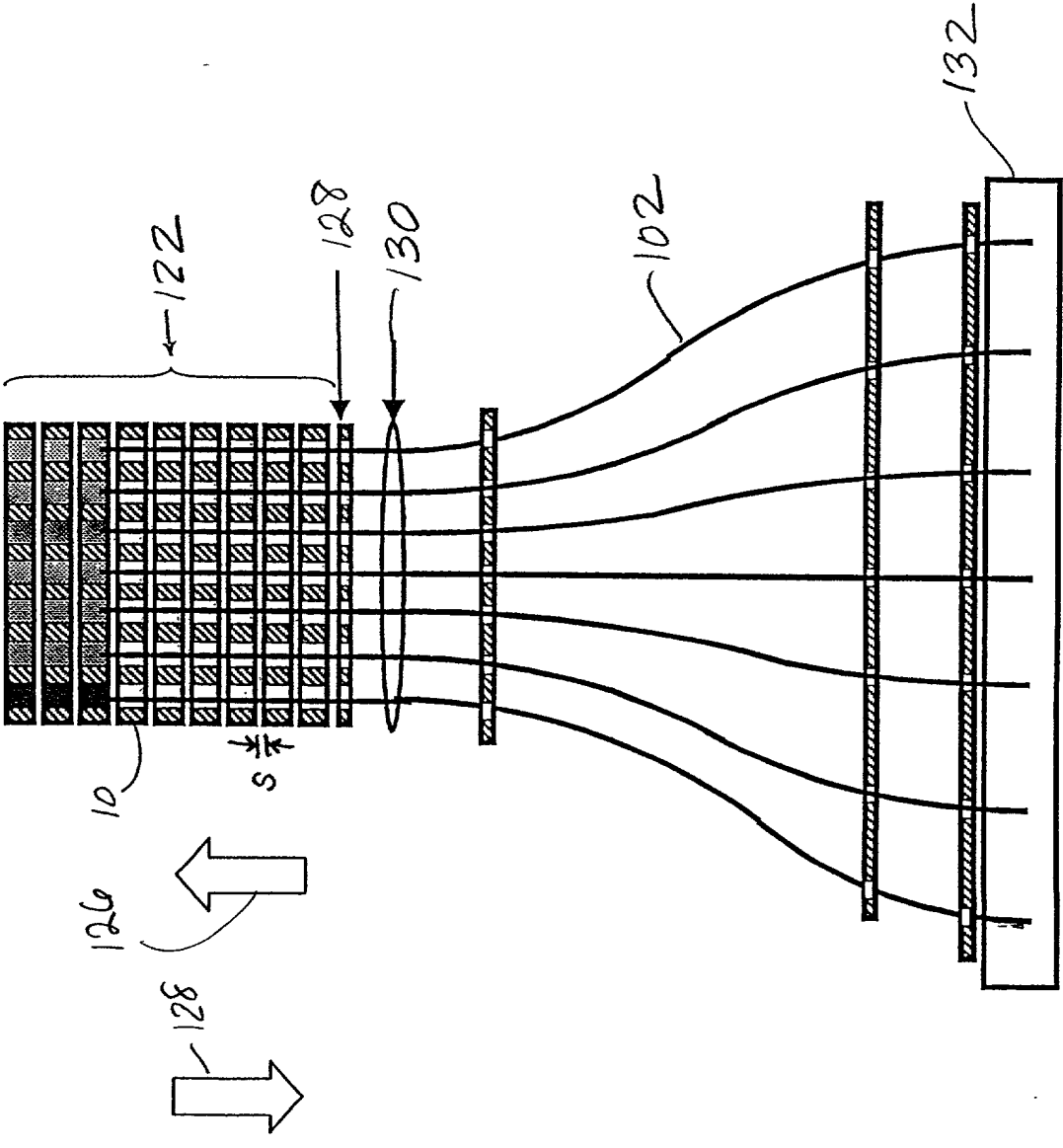


Figure 11

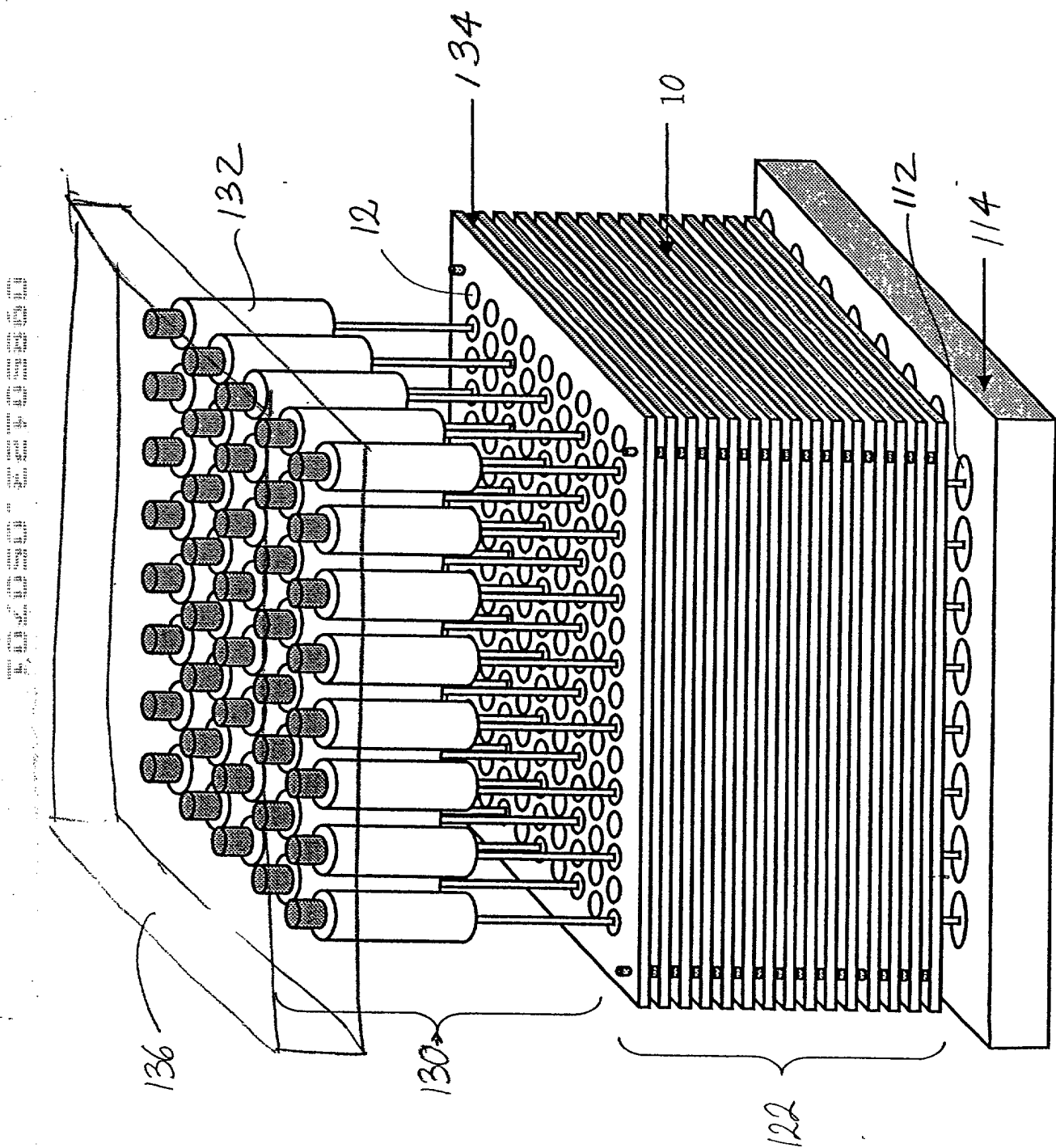


Figure 12a

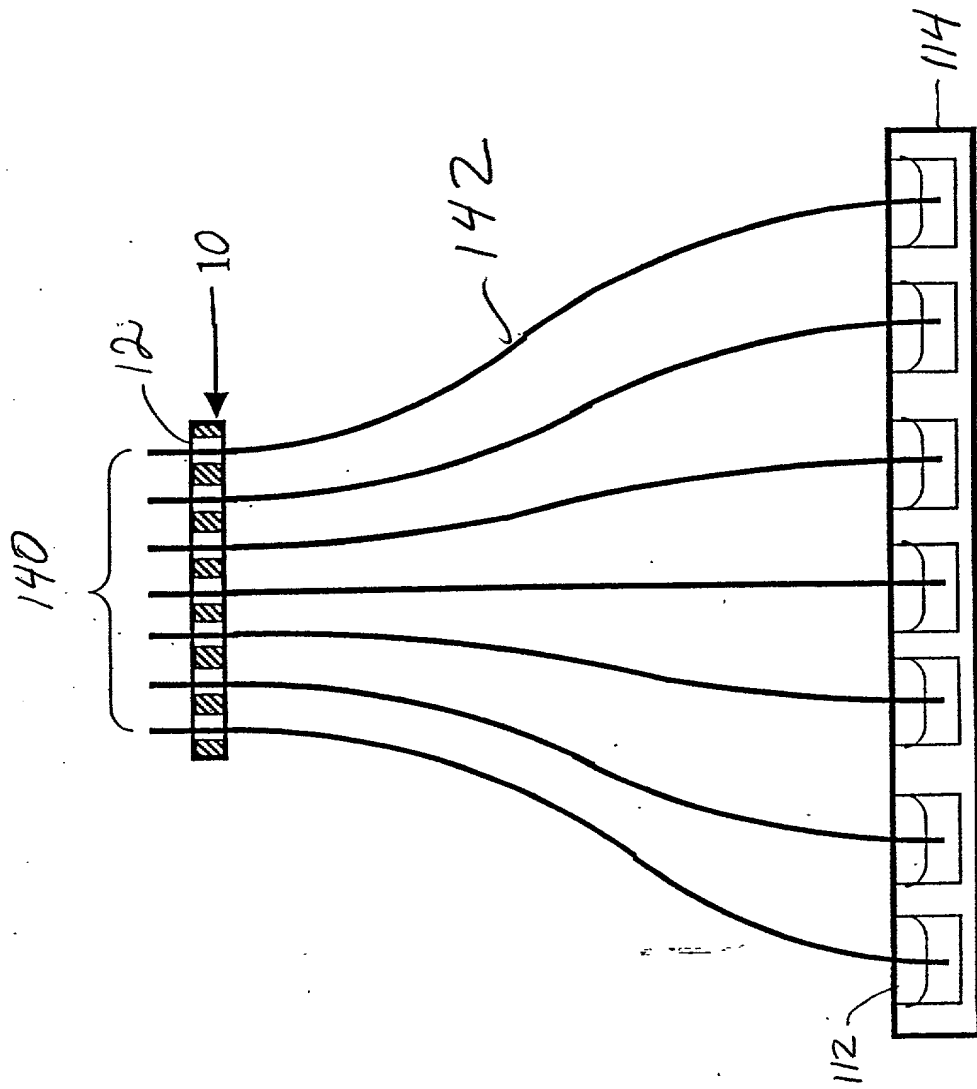


Fig. 12b

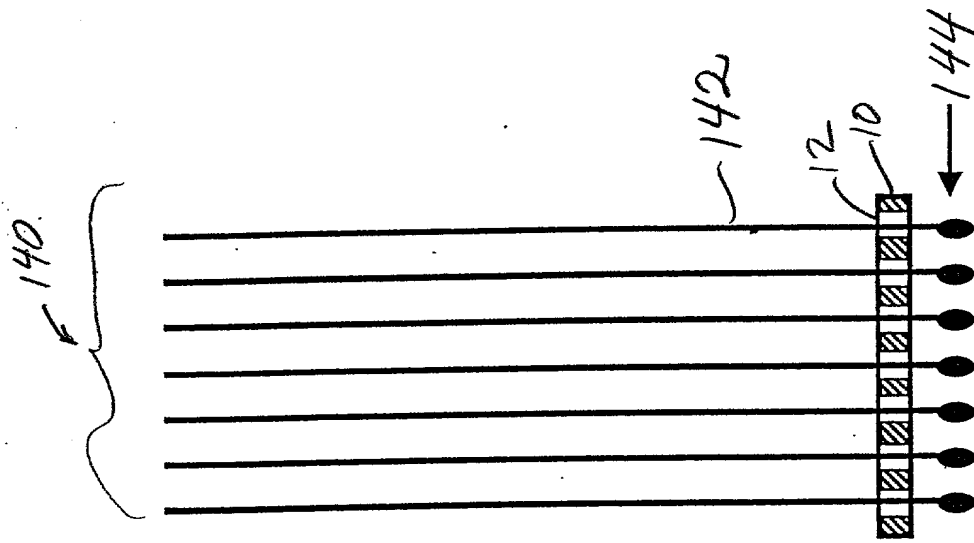


Fig. 12c

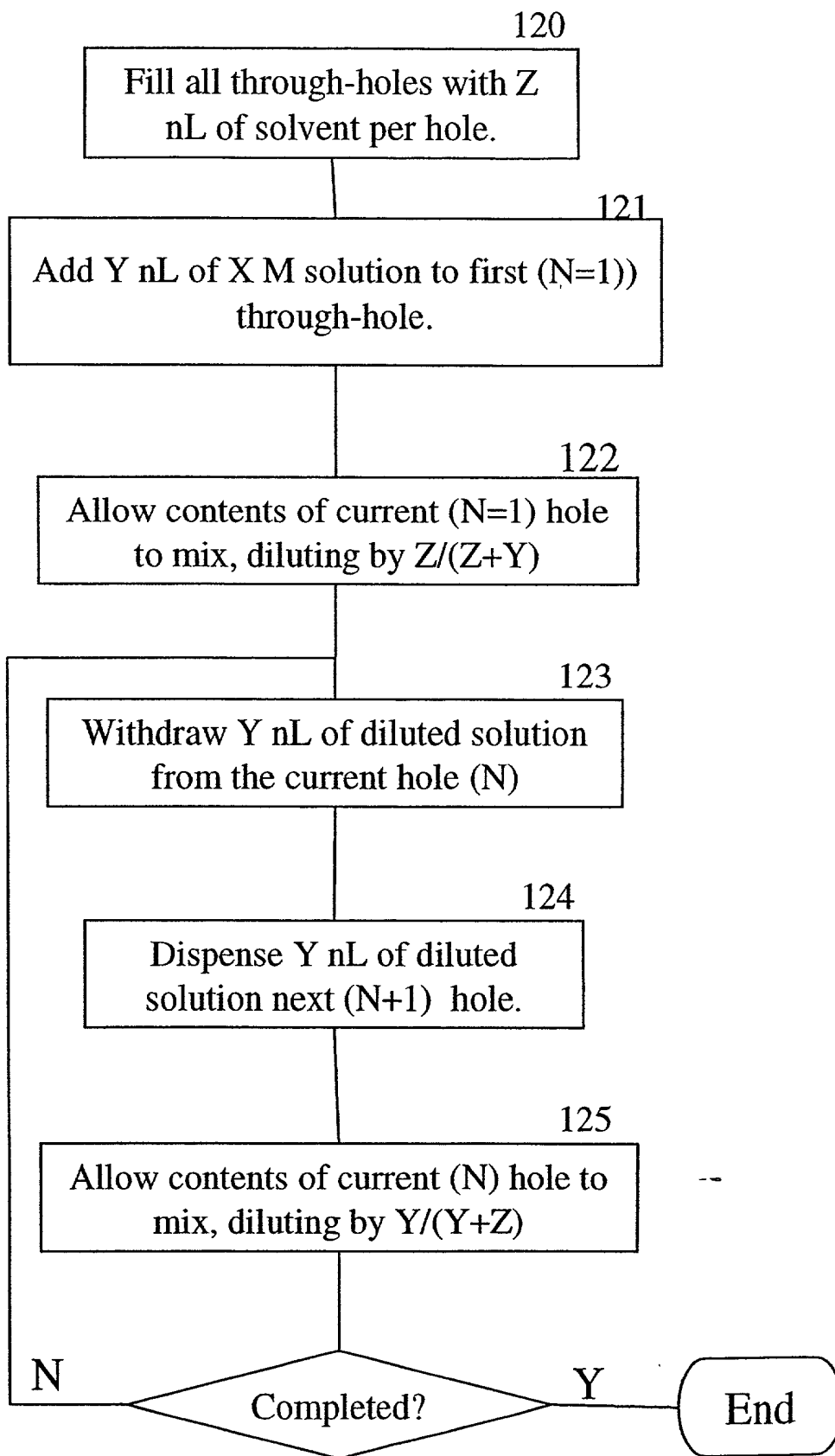


Fig. 13

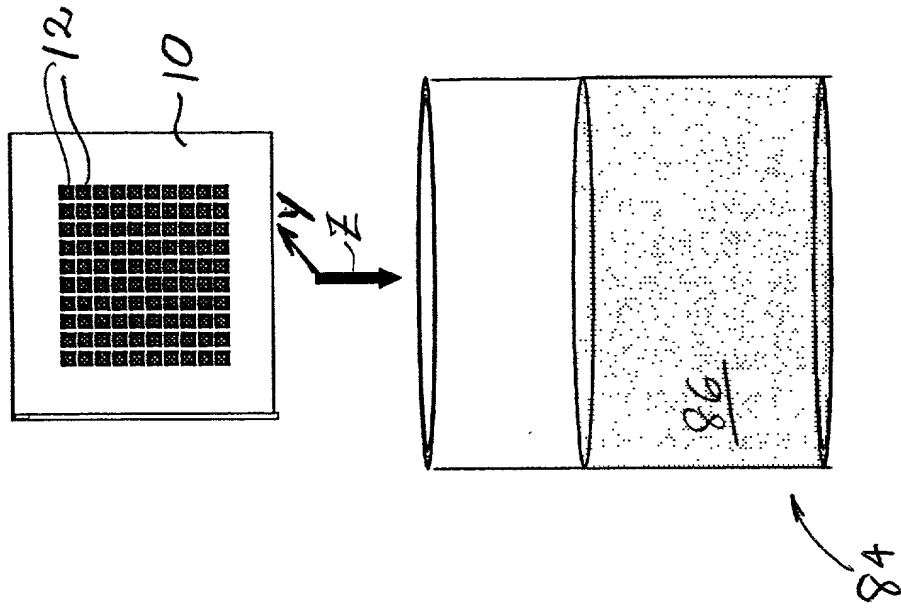


Fig. 14a

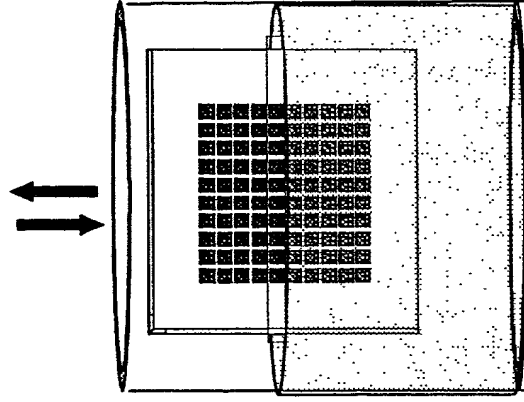


Fig. 14b

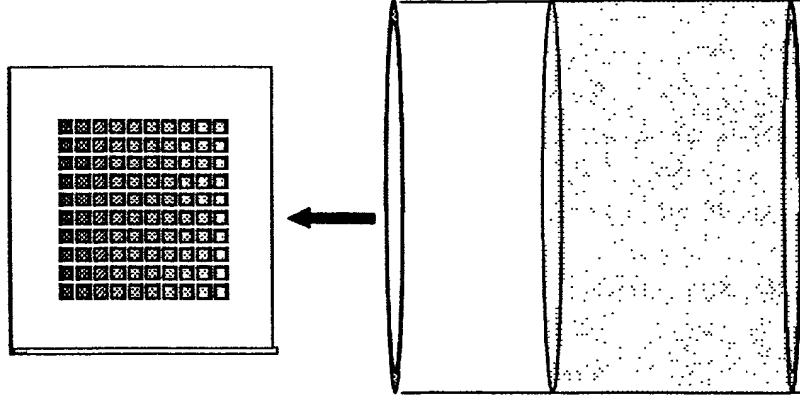


Fig. 14c

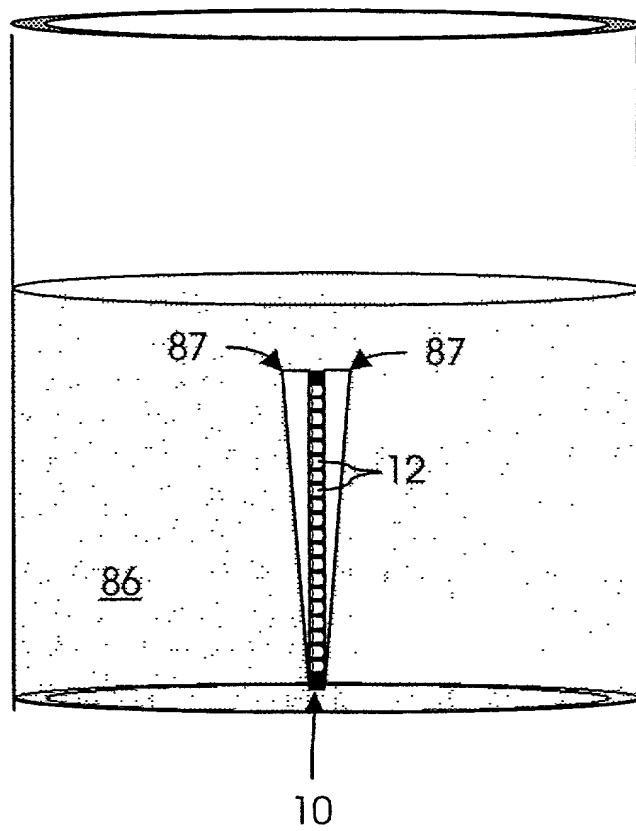


Fig. 14d

FIG. 15 is a cross-sectional view of the device 100, showing the device 100 in a cross-sectional view. The device 100 includes a substrate 150, a first layer 152, a second layer 154, and a third layer 156. The first layer 152 is disposed on the substrate 150, and the second layer 154 is disposed on the first layer 152. The third layer 156 is disposed on the second layer 154. The device 100 also includes a first electrode 90, a second electrode 92, and a third electrode 12. The first electrode 90 is disposed on the first layer 152, the second electrode 92 is disposed on the second layer 154, and the third electrode 12 is disposed on the third layer 156. The device 100 further includes a first contact 154, a second contact 152, and a third contact 150. The first contact 154 is disposed on the first layer 152, the second contact 152 is disposed on the second layer 154, and the third contact 150 is disposed on the third layer 156. The device 100 is shown in a cross-sectional view, with the X and Z axes indicated.

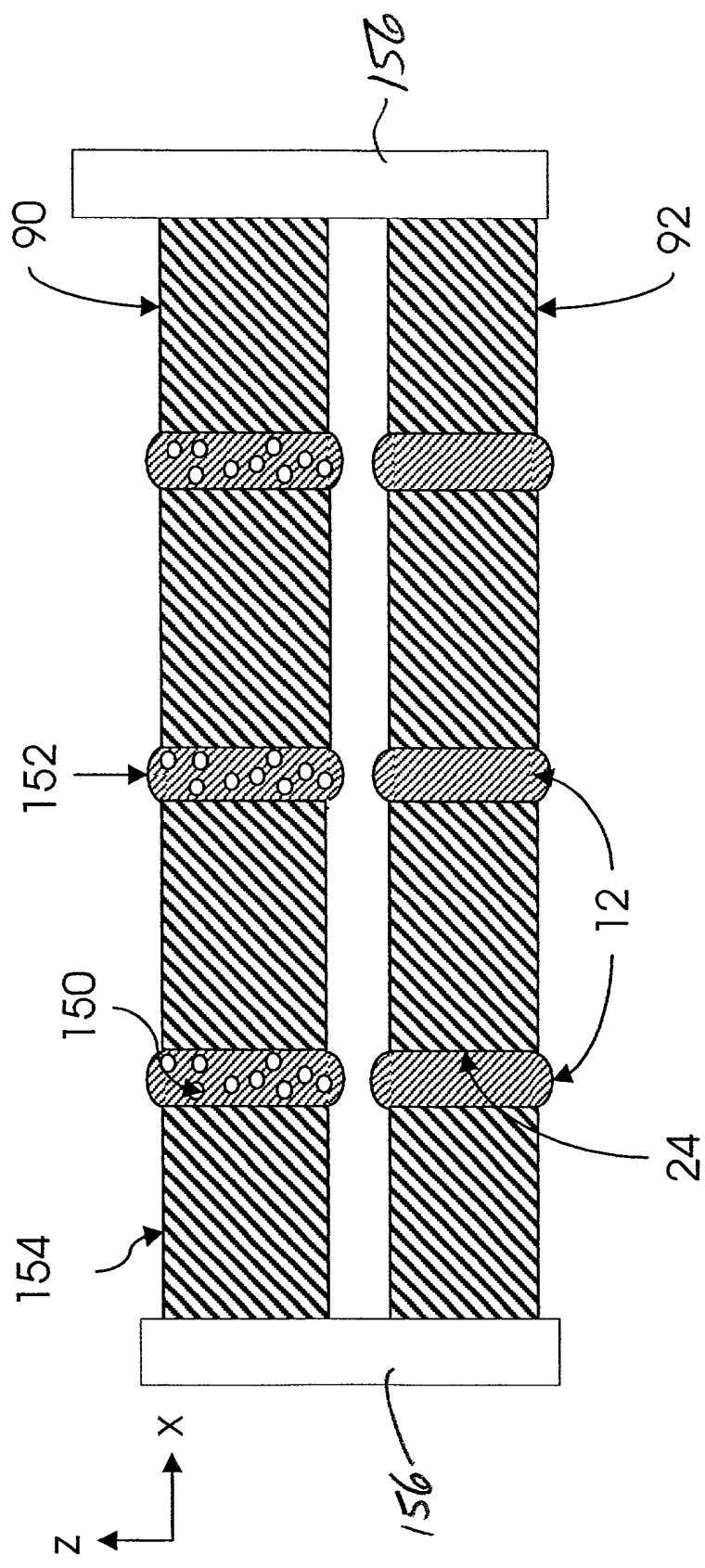


Fig. 15

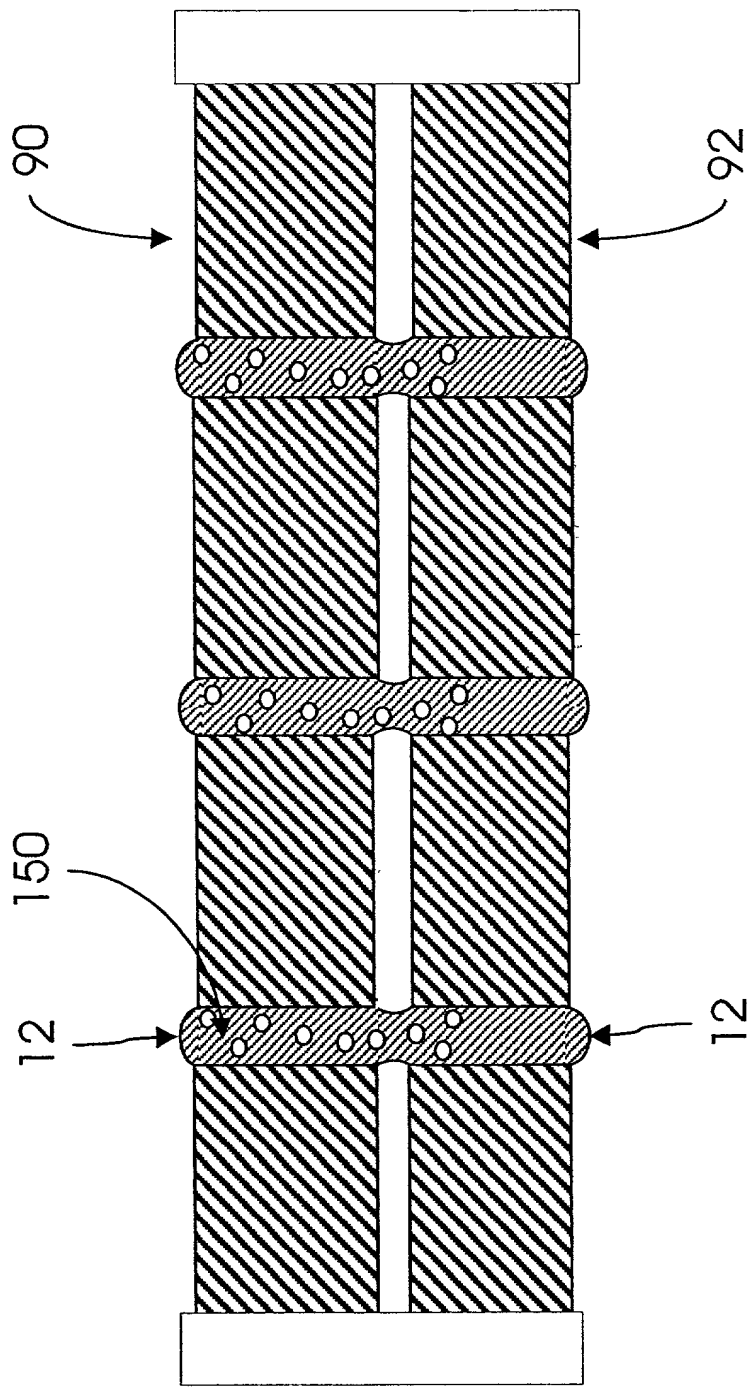


Fig. 16

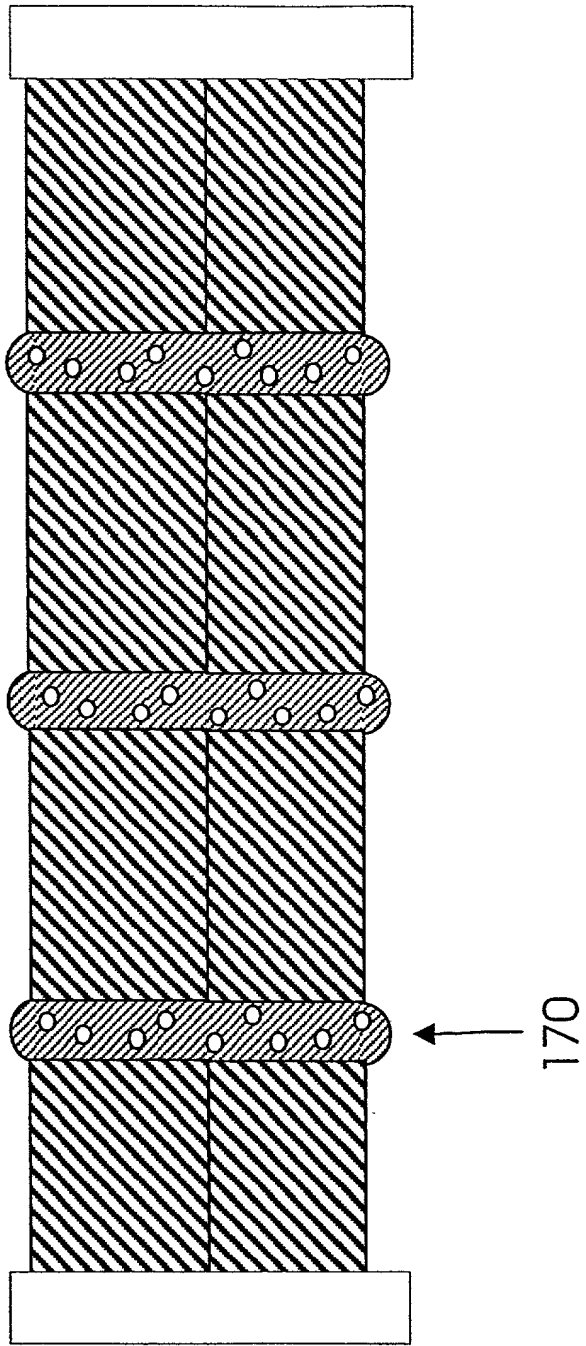


Fig. 17

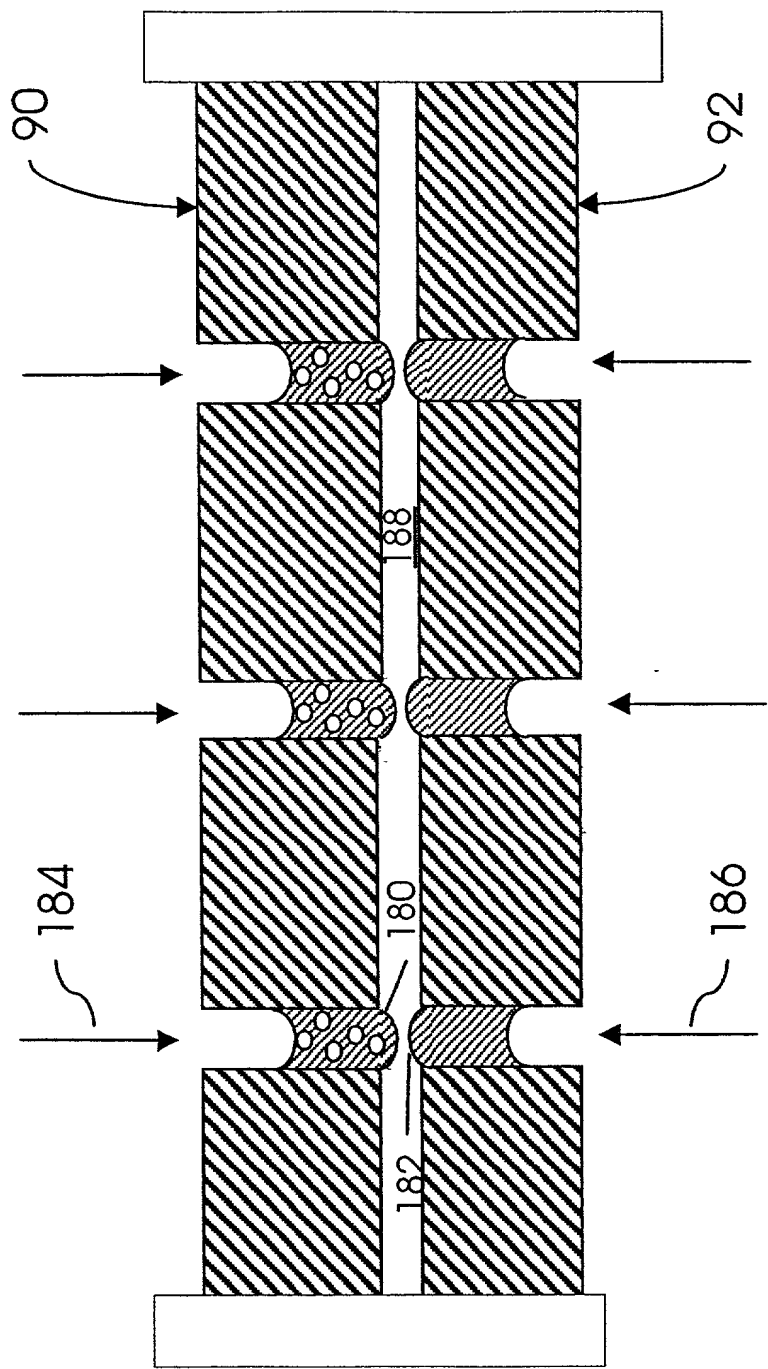


Fig. 18

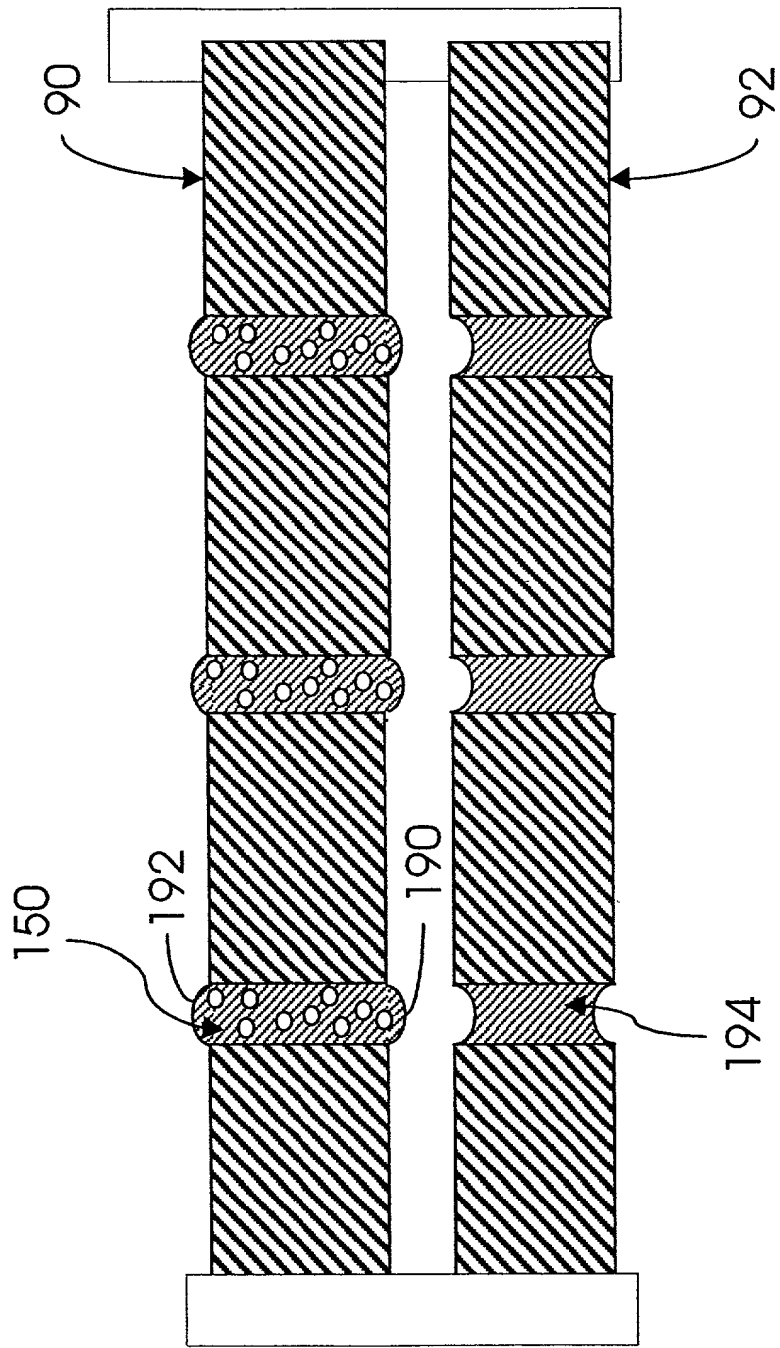


Fig. 19

FIG. 20 is a graph showing the time for 10% evaporative loss (s) versus relative humidity (%) for two different volumes of liquid. The y-axis represents time in seconds, ranging from 0 to 600. The x-axis represents relative humidity in percent, ranging from 0 to 100. Two curves are plotted: one for 50 μ L (labeled 200) and one for 50 nL (labeled 202). Both curves show that the time for 10% evaporative loss increases significantly as relative humidity decreases, with the 50 nL curve rising much more steeply than the 50 μ L curve.

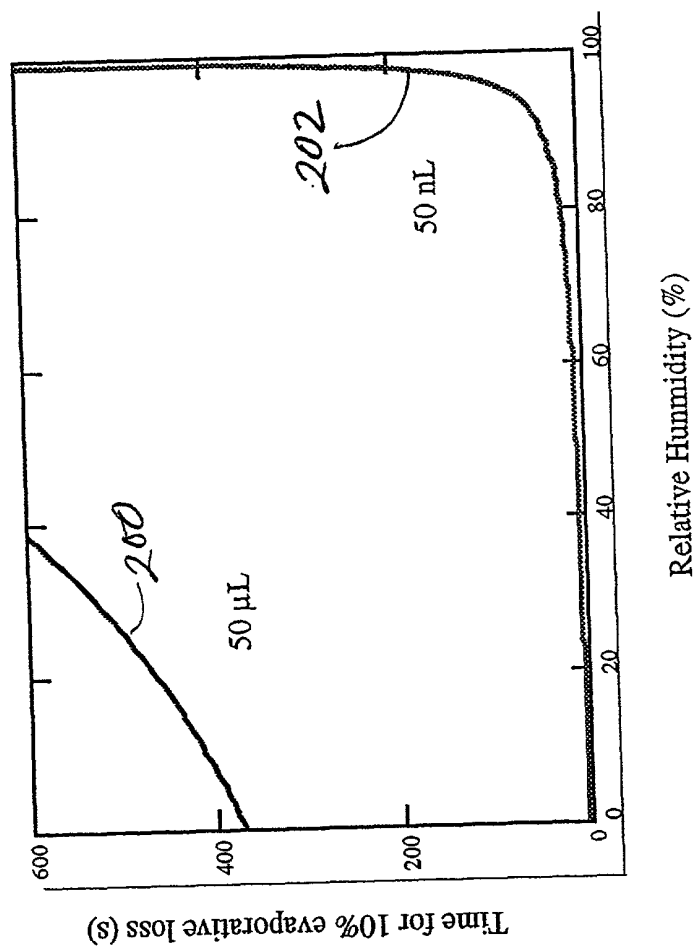


Fig 20

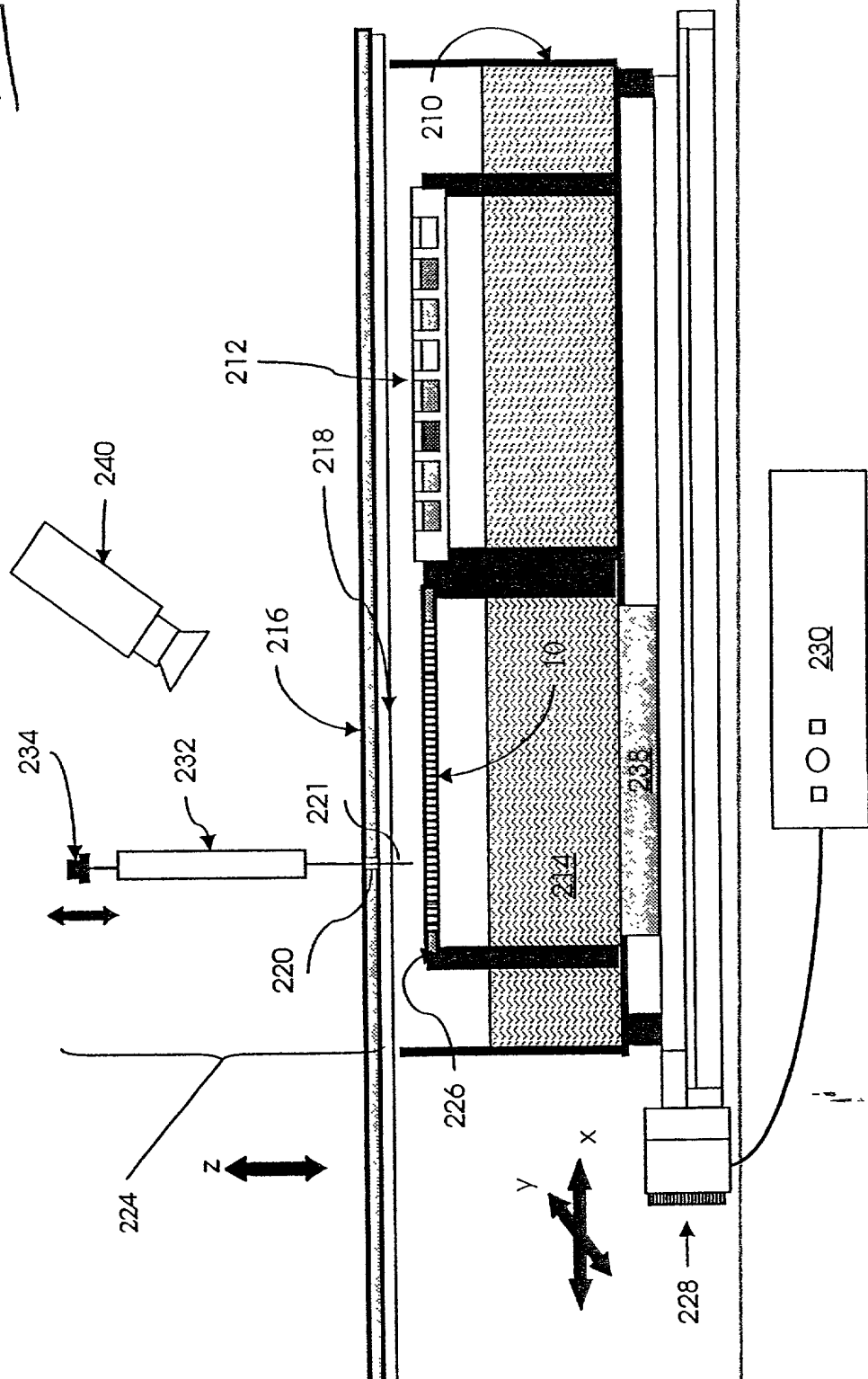


Fig. 21

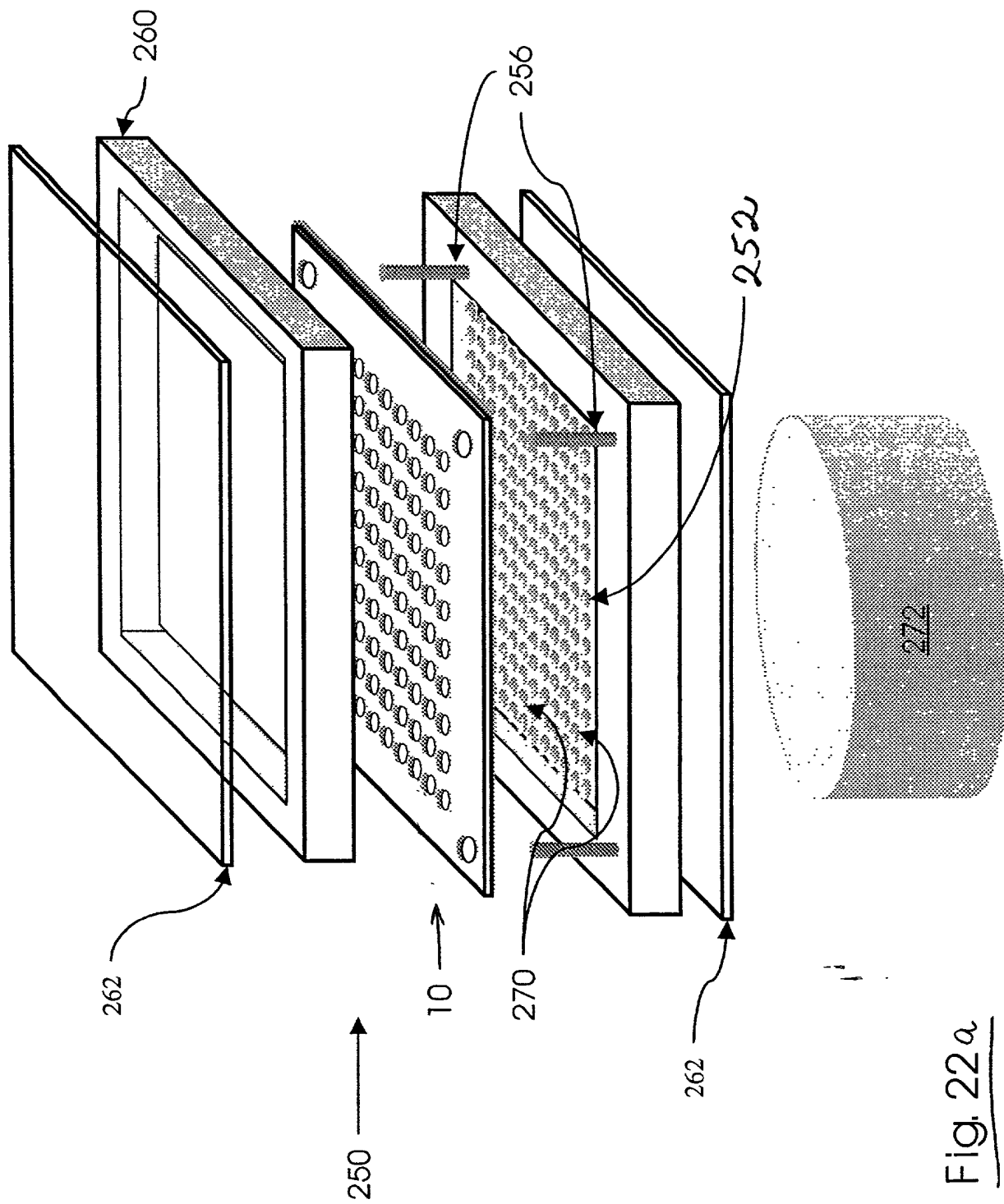


Fig. 22a

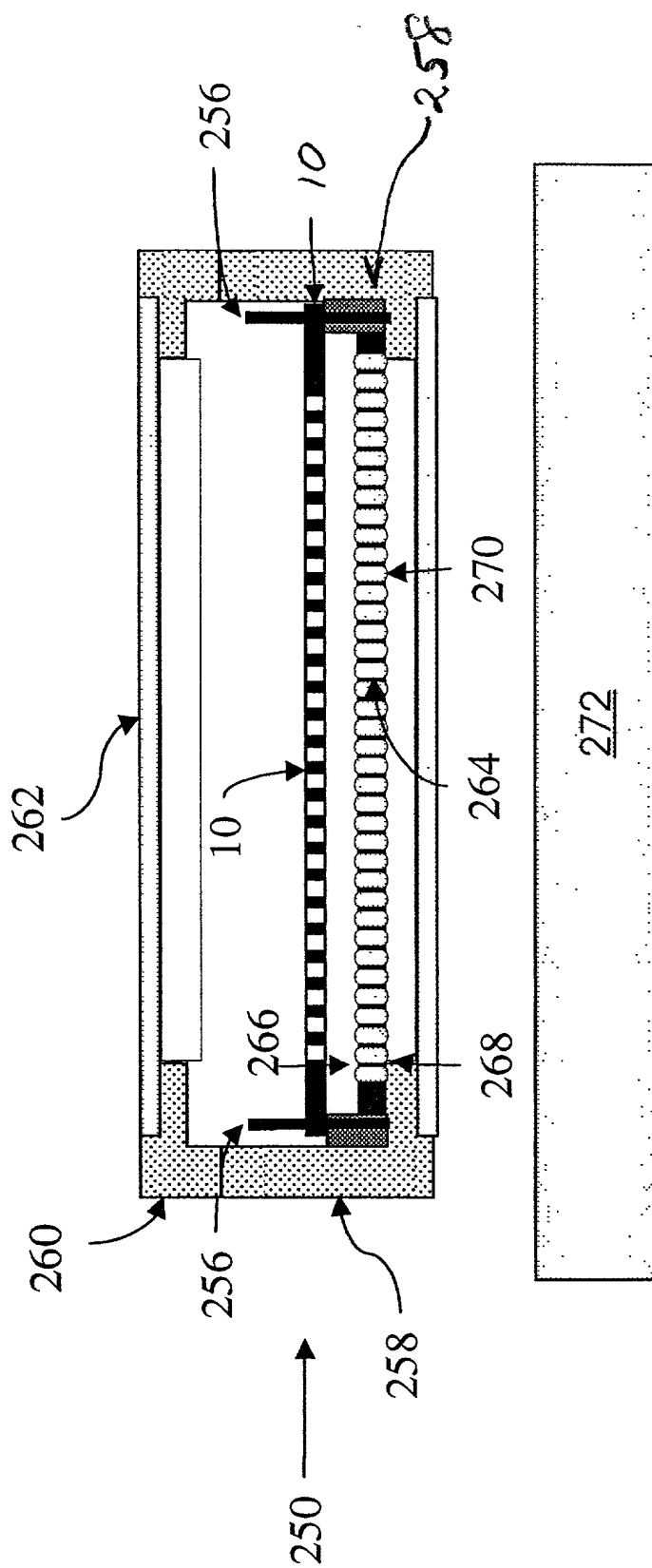


Fig. 22 b